

Figure 1

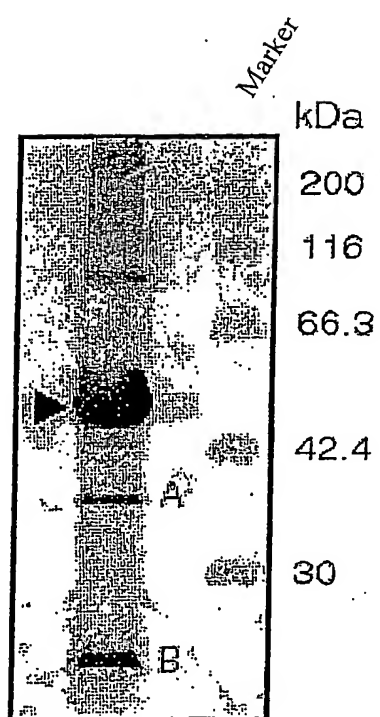


Figure 2

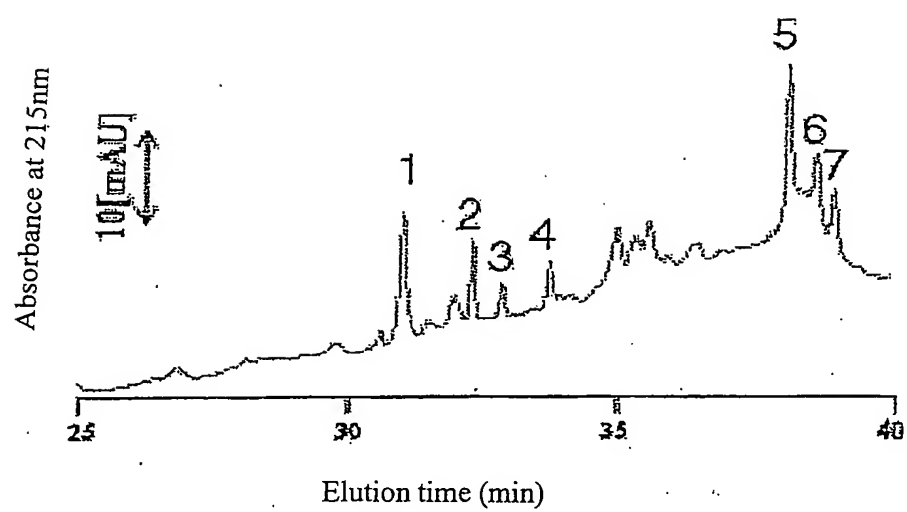


Figure 3

MAAPRAGRGAGWSLRAWRALGGIRWGRRPRLTPDLRALLT 40
SGTSDPRARVTYGTPSLWARLSVGVTEPRACLTSGTPGPR 80
AQLTAVTPDTRTREASENSGTRSRAWLAVALGAGGAVLLL 120
LWGGGRGPPAVLA AAVPSPPPASPRSQYNFIADVVEKTAPA 160
VYIEILDRHPFLGREVPISNGSGFVVAADGLIVTNAHVV 200
ADRRRVRRVRLLSGDTYEAVVTAVDPVADIATLRIQTKEPL 240
PTLPLGRSADVVRQGEFVVAMGSPFALQNTITSGIVSSAQR 280
PARDLGLPQTNVEYIQTDAIDFGNSGGPLVNL DGEVIGV 320
NTMKVTAGISFAIPSDRLREFLHRGEKKNSSSGISGSQRR 360
YIGVMMLTLSPSILAELQLREPSFPDVQHGVLIHKVILGS 400
PAHRAGLRPGDVILAIGE QMVQNAEDVYEAVRTQSQLAVQ 440
IRRGRETLLTYVTPEVTE 458

Figure 4

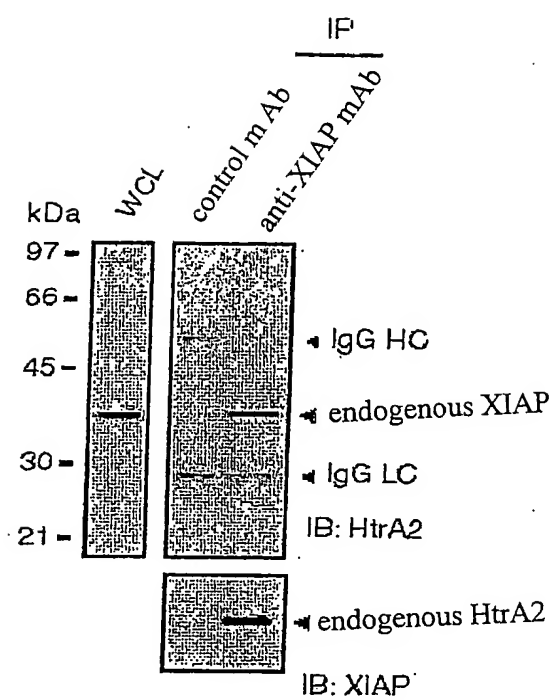


Figure 5

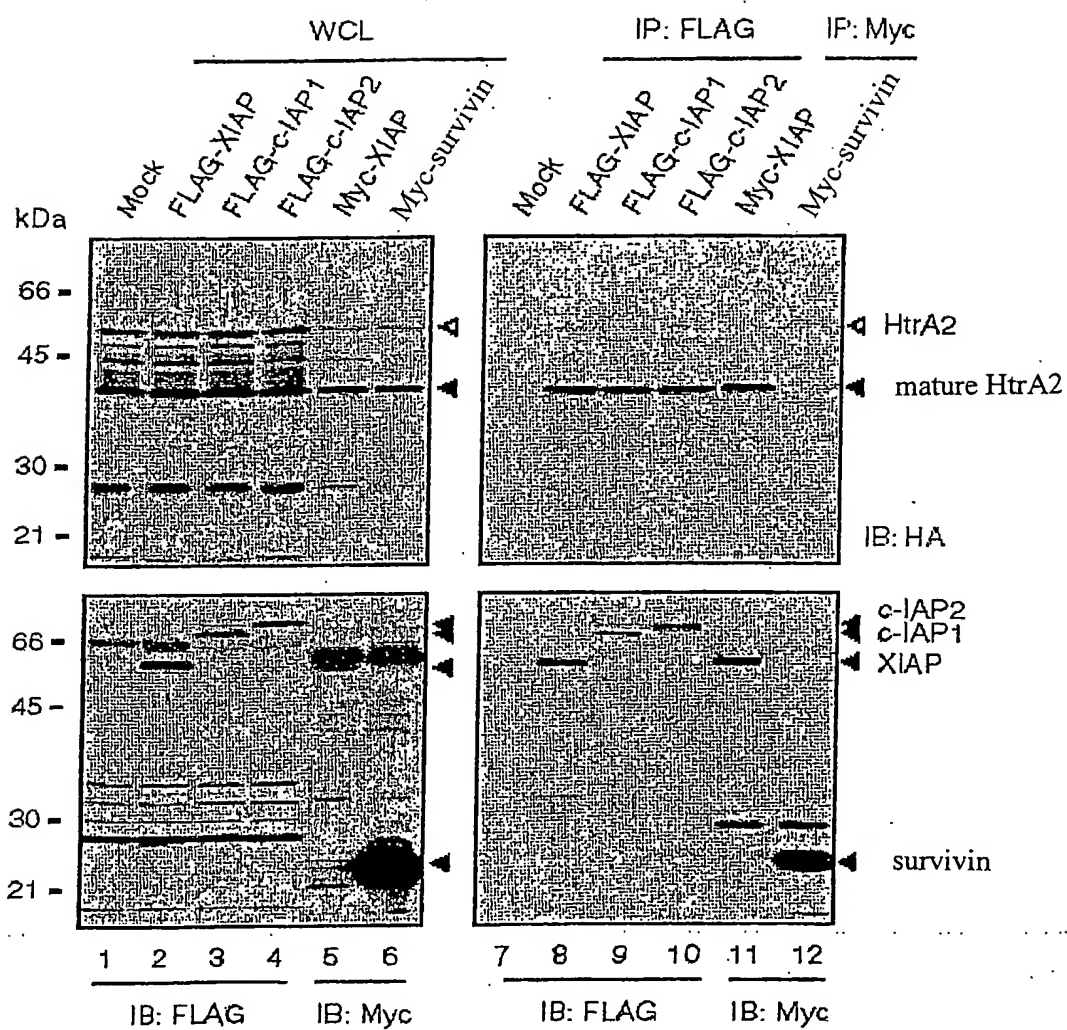


Figure 6

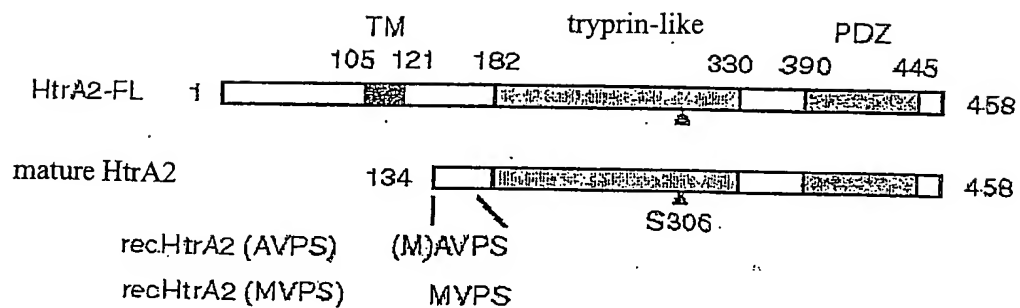


Figure 7

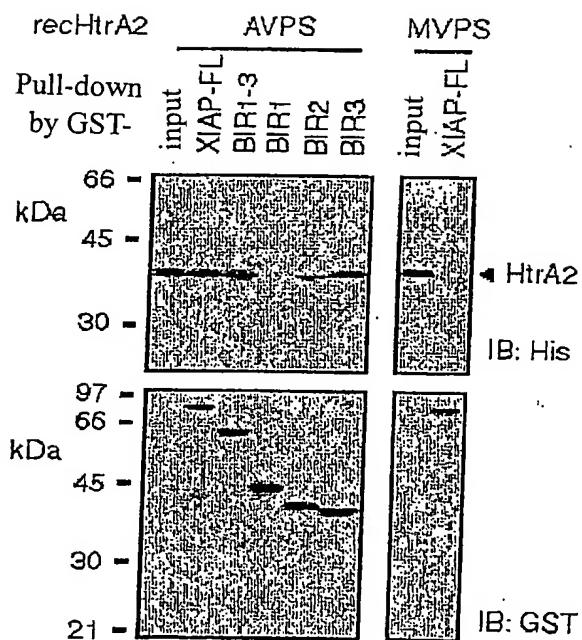


Figure 8

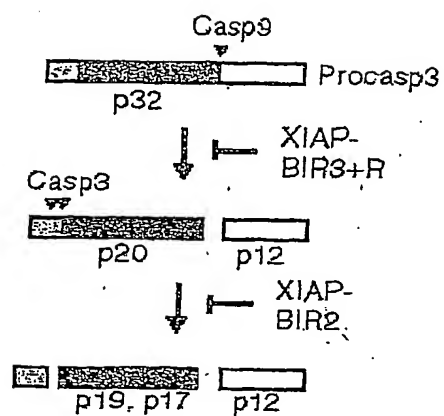


Figure 9

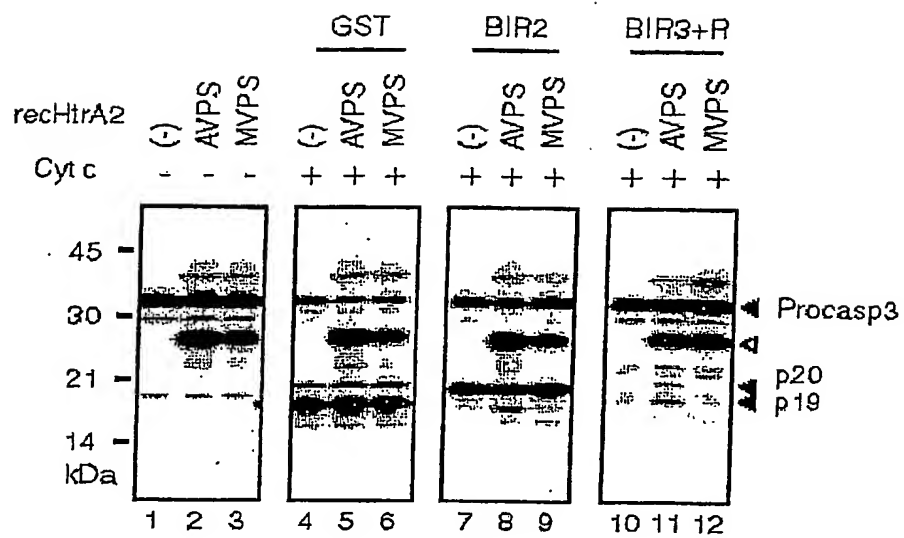


Figure 10

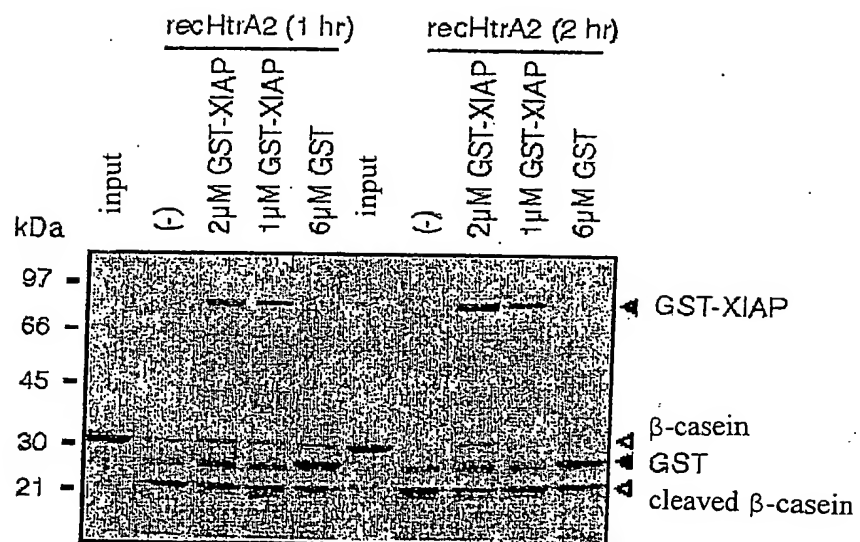


Figure 11

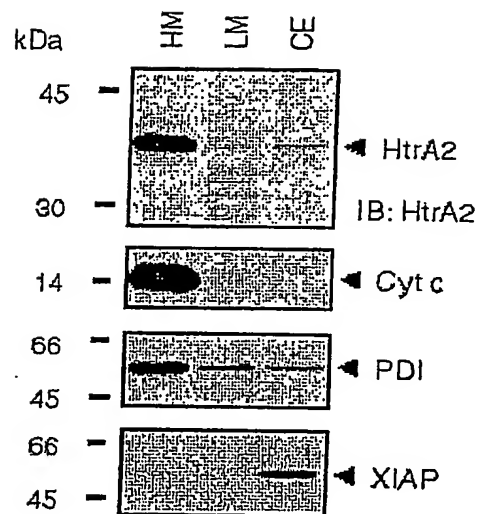


Figure 12

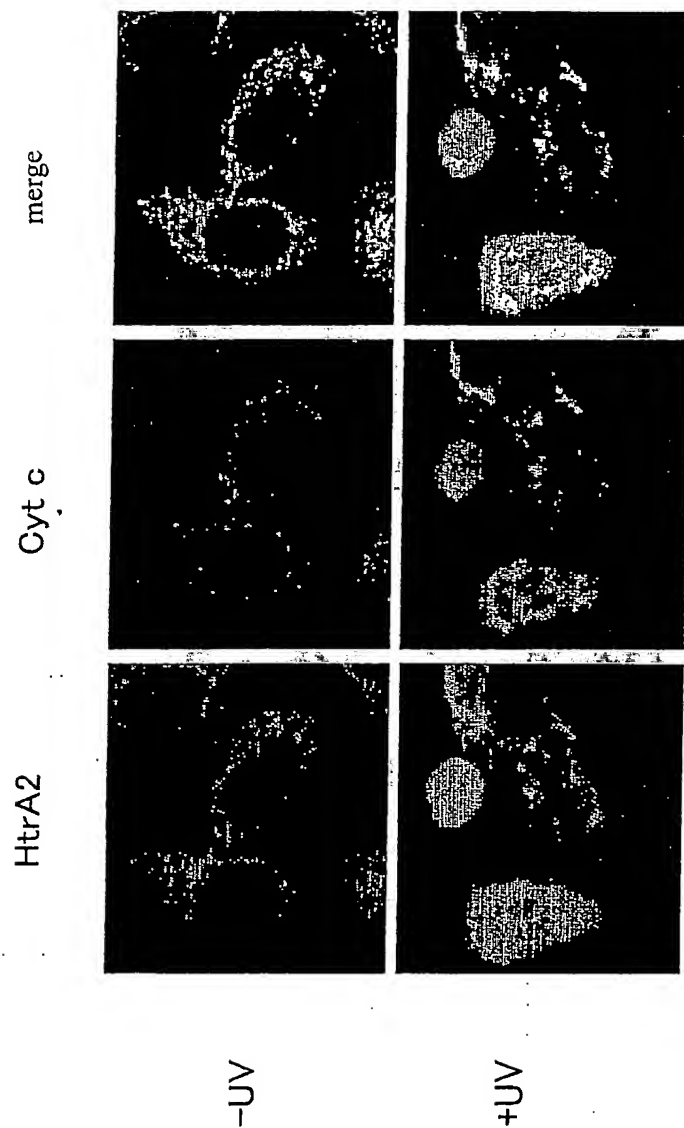


Figure 13

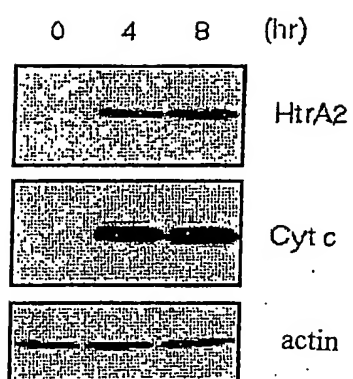


Figure 14

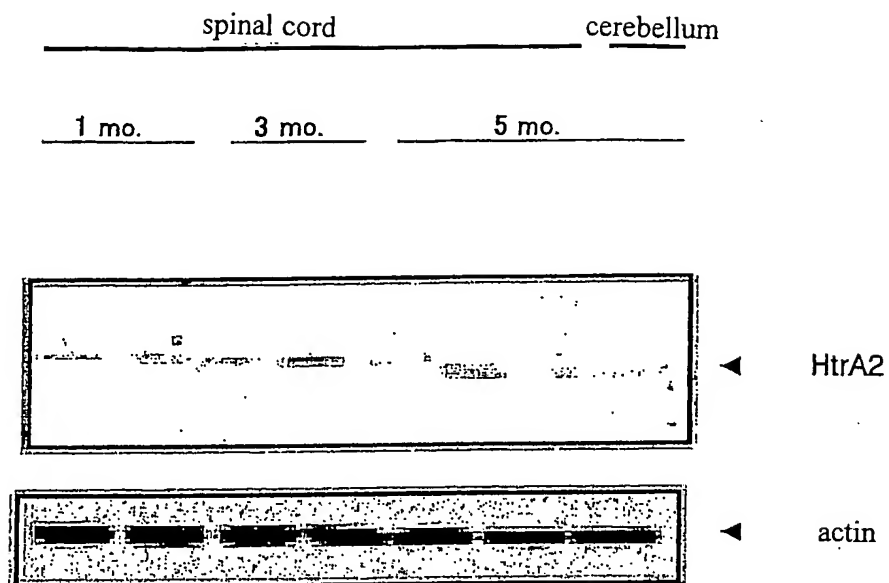


Figure 15

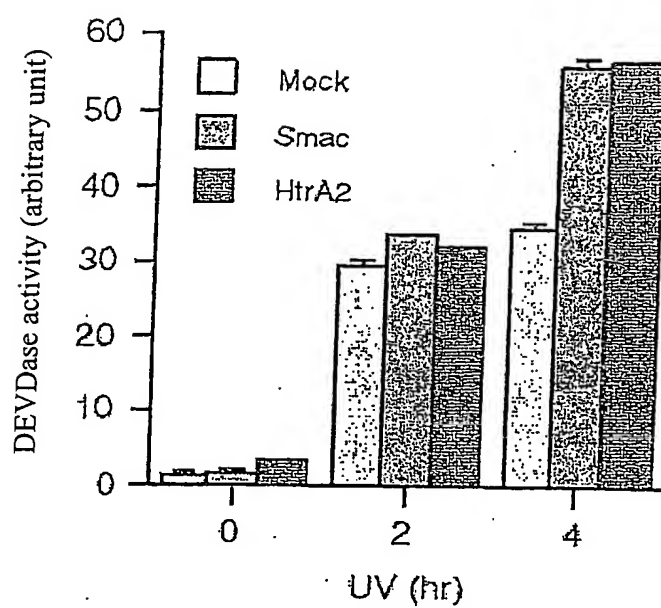


Figure 16

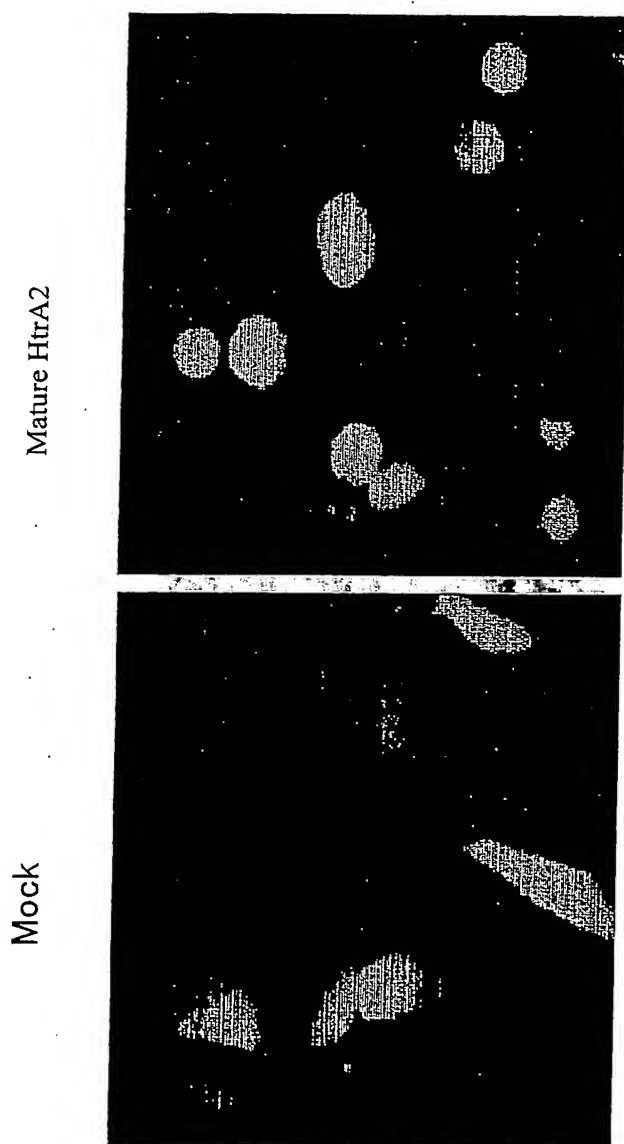


Figure 17

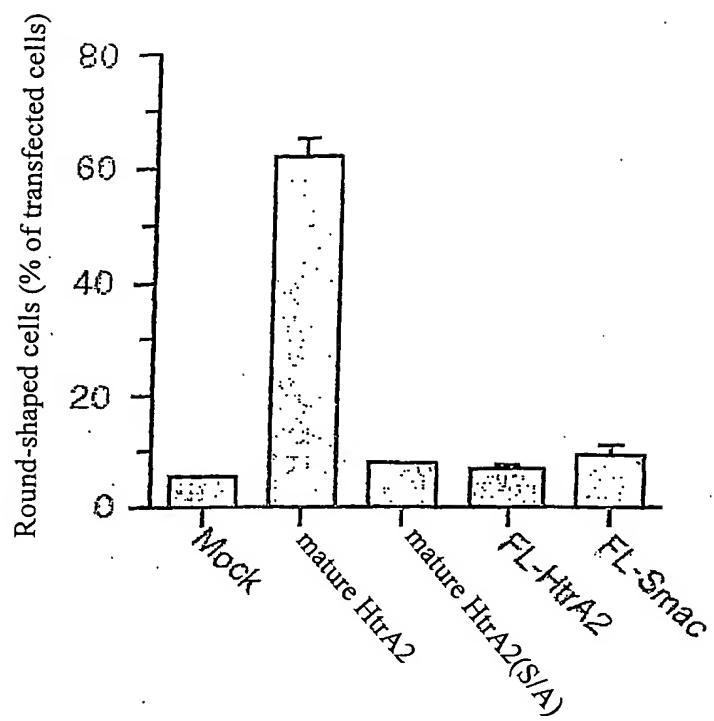


Figure 18

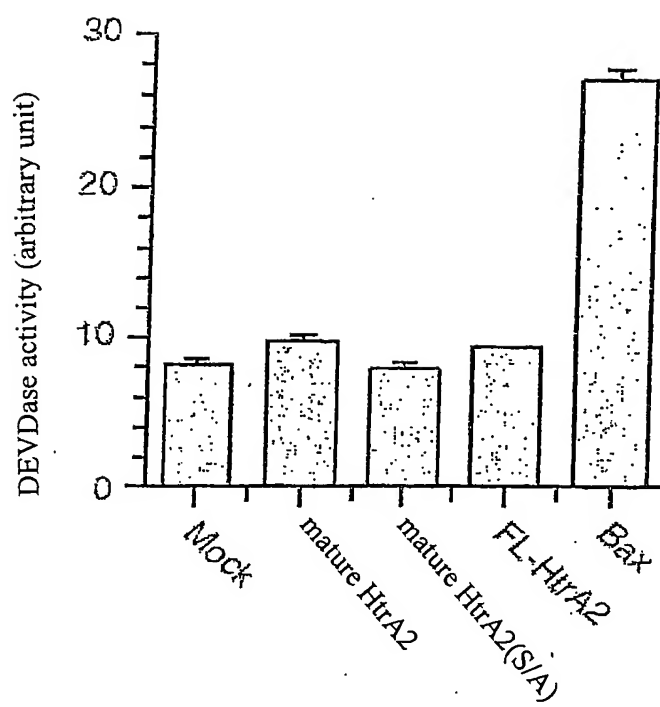
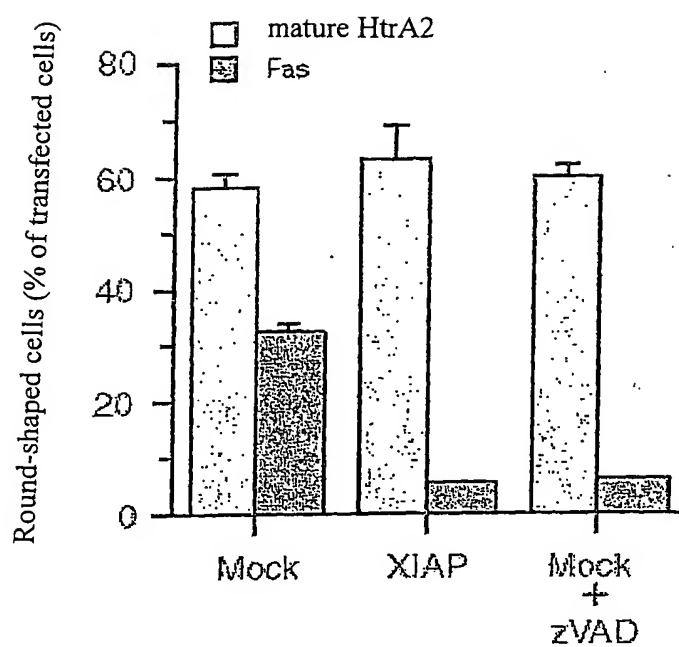


Figure 19



**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record.**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☒ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.